

REMARKS

Claims 1, 3-6 and 8-13 are pending and under consideration in this application. Claims 1, 3-6 and 8-13 have been amended herein. Claims 2 and 7 have been cancelled herein without prejudice or disclaimer. Support for the amendments to the claims may be found in the claims as originally filed. Reconsideration is requested based on the foregoing amendment and the following remarks.

Claim Rejections - 35 U.S.C. § 102:

Claims 1-3, 5-8 and 10-13 were rejected under 35 U.S.C. § 102(e) as anticipated by U.S. Patent Publication No. 2002/0107835 to Coram et al. (hereinafter "Coram"). The rejection is traversed to the extent it would apply to the claims as amended. Reconsideration is earnestly solicited.

The third clauses of claims 1 and 11 recite:

An update condition setting unit that sets a cache update condition based on a database update condition that indicates when the cache memory is to be updated, wherein the database update condition includes a number of data records updated in the database within a predetermined period.

Coram neither teaches, discloses, nor suggests "an update condition setting unit that sets a cache update condition based on a database update condition that indicates when the cache memory is to be updated, wherein the database update condition includes a number of data records updated in the database within a predetermined period," as recited in claims 1 and 11. In Coram, rather, result sets determined to be potentially affected by the request are invalidated in operation 404. In particular, as described in paragraph [0048]:

FIG. 4 is a flowchart that describes a technique for invalidating result sets according to an example embodiment of the present invention. Upon receiving a database request in operation 202 and determining that the request is not informational in operation 204, a determination is made in operation 402 as to whether the received database request will potentially affect the data underlying one or more of the result sets stored in RS cache 106. Any result sets determined to be potentially affected by the request are invalidated in operation 404. As a result, subsequent requests for the invalidated result sets will be processed by database 104, and will therefore correctly reflect the updated data.

Since, in Coram, result sets determined to be potentially affected by the request are invalidated, Coram is not setting "a cache update condition based on a database update condition that indicates when the cache memory is to be updated, wherein the database update condition includes a number of data records updated in the database within a predetermined period," as

recited in claims 1 and 11. Claims 1 and 11 are submitted to be allowable. Withdrawal of the rejection of claims 1 and 11 is earnestly solicited.

Claims 3 and 5 depend from claim 1 and add further distinguishing elements, while claims 12 and 13 depend from claim 11 and add further distinguishing elements. Claims 3, 5, 12, and 13 are thus also submitted to be allowable. Withdrawal of the rejection of claims 3, 5, 12, and 13 is also earnestly solicited.

Claims 6, 8, and 10:

The second clause of claim 6 recites:

Setting a cache update condition based on a database update condition that indicates when the cache memory is to be updated, wherein the database update condition includes a number of data records updated in the database within a predetermined period.

Coram neither teaches, discloses, nor suggests "setting a cache update condition based on a database update condition that indicates when the cache memory is to be updated, wherein the database update condition includes a number of data records updated in the database within a predetermined period," as discussed above with respect to the rejections of claims 1 and 11. Claim 6 is thus also submitted to be allowable for at least those reasons discussed above with respect to the rejections of claims 1 and 11.

Claims 8 and 10 depend from claim 6 and add further distinguishing elements. Claims 8 and 10 are thus also submitted to be allowable. Withdrawal of the rejection of claims 8 and 10 is earnestly solicited.

Claim Rejections - 35 U.S.C. § 103:

Claims 4 and 9 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Coram in view of U.S. Patent Publication No. 2006/0034267 to Torrey *et al.* (hereinafter "Torrey"). The rejection is traversed to the extent it would apply to the claims as amended. Reconsideration is earnestly solicited.

Claims 4 and 9 depend from claims 1 and 6, respectively, and add further distinguishing elements. Coram neither teaches, discloses, nor suggests setting "a cache update condition based on a database update condition that indicates when the cache memory is to be updated, wherein the database update condition includes a number of data records updated in the database within a predetermined period," as discussed above with respect to the rejections of claims 1 and 11.

Torrey does not either, and thus cannot make up for the deficiencies of Coram with respect to claims 4 and 9. Claims 4 and 9 are thus also submitted to be allowable. Withdrawal of the rejection of claims 4 and 9 is earnestly solicited.

Conclusion:

Accordingly, in view of the reasons given above, it is submitted that all of claims 1, 3-6 and 8-13 are allowable over the cited references. Allowance of all claims 1, 3-6 and 8-13 and of this entire application is therefore respectfully requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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